

**TYPICAL OUTSIDE INSTALLATION**  
(2", 2 1/2", 3", 4", 6", 8", & 10" SIZES)

MATERIALS		
ITEM	QUAN.	DESCRIPTION
1	1	REDUCED PRESSURE ZONE DEVICE
2	2	O.S. & Y RESILIENT GATE VALVES
3	4	TEST COCKS
4	2	2" SCH 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
5	2	MJ 45° OR 90° BENDS
6	4	FLANGED 45° OR 90° BENDS
7	2	ADAPTOR FLANGES (UNION SHALL BE USED FOR 2")
8		MEGALUGS
9		DUCTILE IRON PIPE, CUT TO FIT (2" SHALL BE BRASS OR COPPER)
10		4" PEA GRAVEL IN BOTTOM OF PIT OR CONCRETE SLAB
11	2	DRAIN PORTS SIZE ACCORDING TO PIPE SIZE
12	1	3/8 ALUMINUM TREAD PLATE / HATCH COVER W/ SUPPORTS AS NEEDED.
13	1	BOX-CONCRETE BLOCK, POURED CONCRETE, PREFABRICATED BOX, HOT BOX OR APPROVED EQUAL. ALL BACKFLOWS SHALL BE ENCLOSED
14		D.I. OR PVC PIPE
15	1	2' X 2' MIN. HATCH

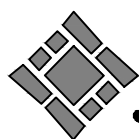
**NOTES:**

1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER.

2. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.

**REDUCED PRESSURE DETECTOR ASSEMBLY  
FOR FIRE SYSTEM**

**STANDARD  
CONSTRUCTION  
DETAILS**



CITY OF  
*savannah*  
WATER RESOURCES AND PUBLIC WORKS BUREAU  
Planning & Engineering

SCALE: N.T.S.  
DATED: SEP 2013  
PLATE NUMBER:  
**W20**